

1. COMPONENT NAVY		FY 1985 MILITARY CONSTRUCTION PROJECT DATA		2. DATE 13 Apr 83	
3. INSTALLATION AND LOCATION MARINE CORPS BASE CAMP LEJEUNE, NORTH CAROLINA 28542			4. PROJECT TITLE DEPENDENT SCHOOL-HIGH SCHOOL		
5. PROGRAM ELEMENT	6. CATEGORY CODE 730-60	7. PROJECT NUMBER P-827	8. PROJECT COST (\$000) \$10,900		

9. COST ESTIMATES

ITEM	U/M	QUANTITY	UNIT COST	COST (\$000)
HIGH SCHOOL COMPLEX	SF	140,375	63.50	8,914
Academic/Applied/Gym Building	SF	102,000	55.50	(5,661)
Auditorium (700 SE)	SF	14,050	56.61	(795)
Pool/Indoor (50 meter)	SF	24,325	101.03	(2,458)
SUPPORTING FACILITIES	-	-	-	905
Special Construction Features	LS	-	-	(250)
Tennis Court	EA	4	30,000	(120)
Playing Fields/Track/w/Stadium	LS	-	-	(150)
Electrical Utilities w/substation	LS	-	-	(60)
Mechanical Utilities, Equip. Bldgs., etc.	LS	-	-	(80)
Communications & Fire Alarm	LS	-	-	(20)
Roads, Parking & Sidewalks	LS	-	-	(160)
Site Improvements	LS	-	-	(65)
SUBTOTAL	LS	-	-	9,819
CONTINGENCY - 5%	-	-	-	491
TOTAL CONTRACT COST	LS	-	-	10,310
SUPERVISION, INSPECTION & OVERHEAD - 5.5%	-	-	-	567
TOTAL REQUEST	LS	-	-	10,877
TOTAL REQUEST (ROUNDED)	LS	-	-	10,900

10. DESCRIPTION OF PROPOSED CONSTRUCTION

Construct High School complex consisting of adjoining buildings or multiple buildings of concrete frame, masonry walls, pile foundations, utility connections and boiler plant. Complex consists of Academic and Applied Instruction, Gymnasium, Auditorium, 50 meter Indoor Pool, Cafeteria, Tennis Courts, Playing Fields, Track, Stadium, Parking, Roads, and Sidewalk. Site improvements require clearing, grubbing, seeding, landscaping and access roads. Provide air-conditioning, telephone and communications and fire alarm systems. Provide sewage lift station with forced main, and electrical substation.

AIR-CONDITIONING: 300 Tons

11. REQUIREMENTS:

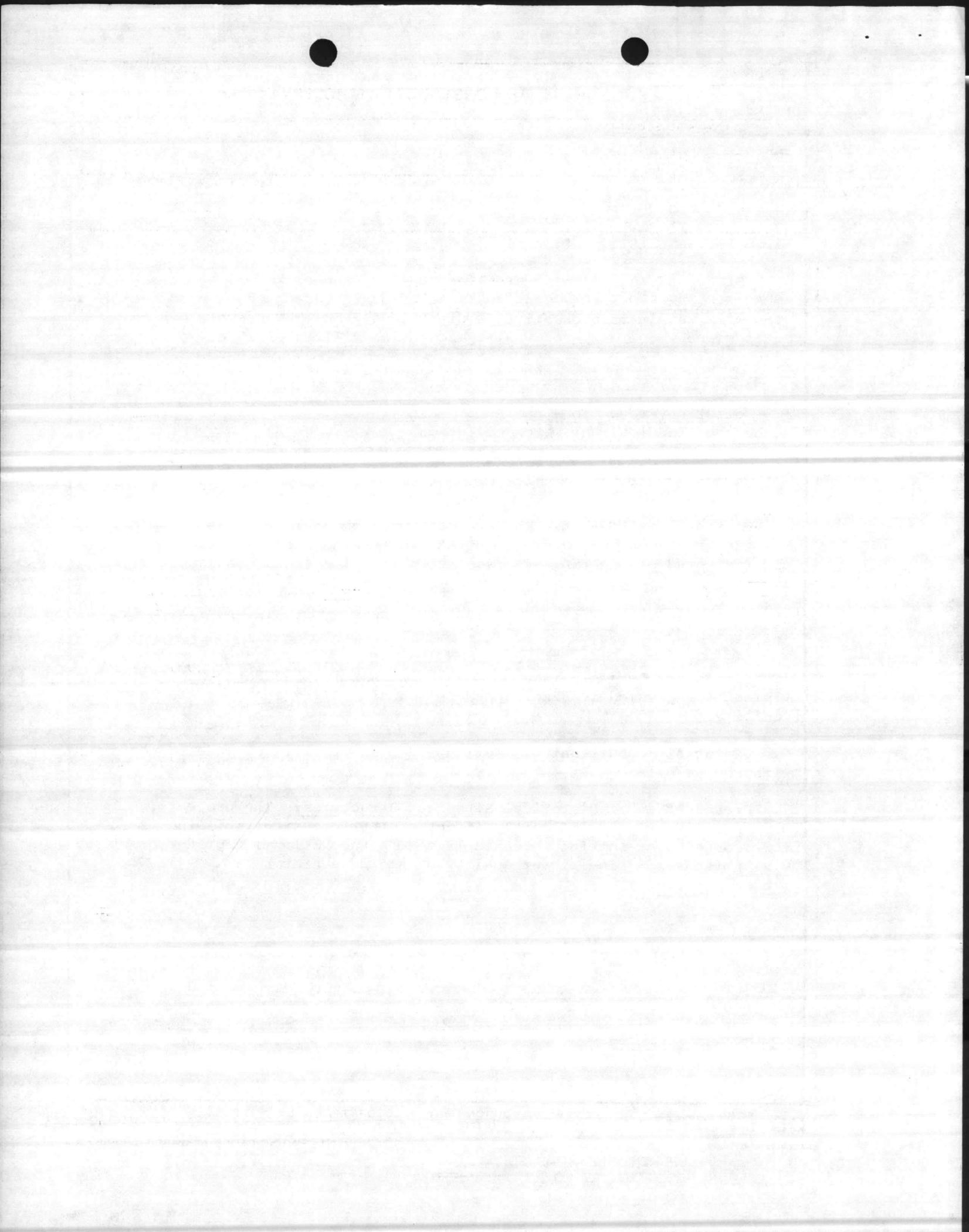
PROJECT: Provides High School facilities, Grades 9 through 12, for 700 students.

REQUIREMENT: High School facilities are necessary for the education of dependent children of military personnel.

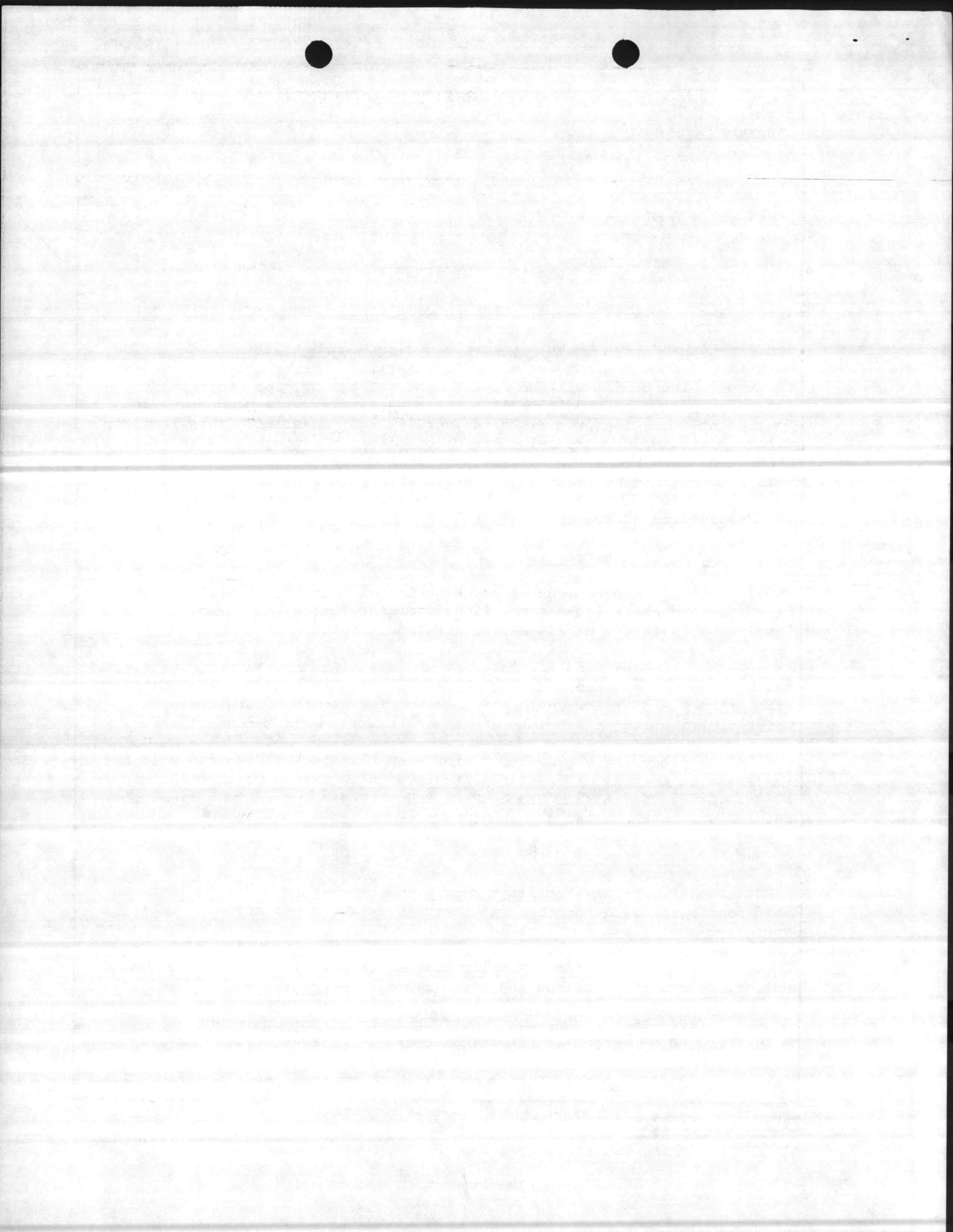
CURRENT SITUATION: Present facilities are overcrowded and do not meet building codes and life, safety, and handicapped codes necessary to comply



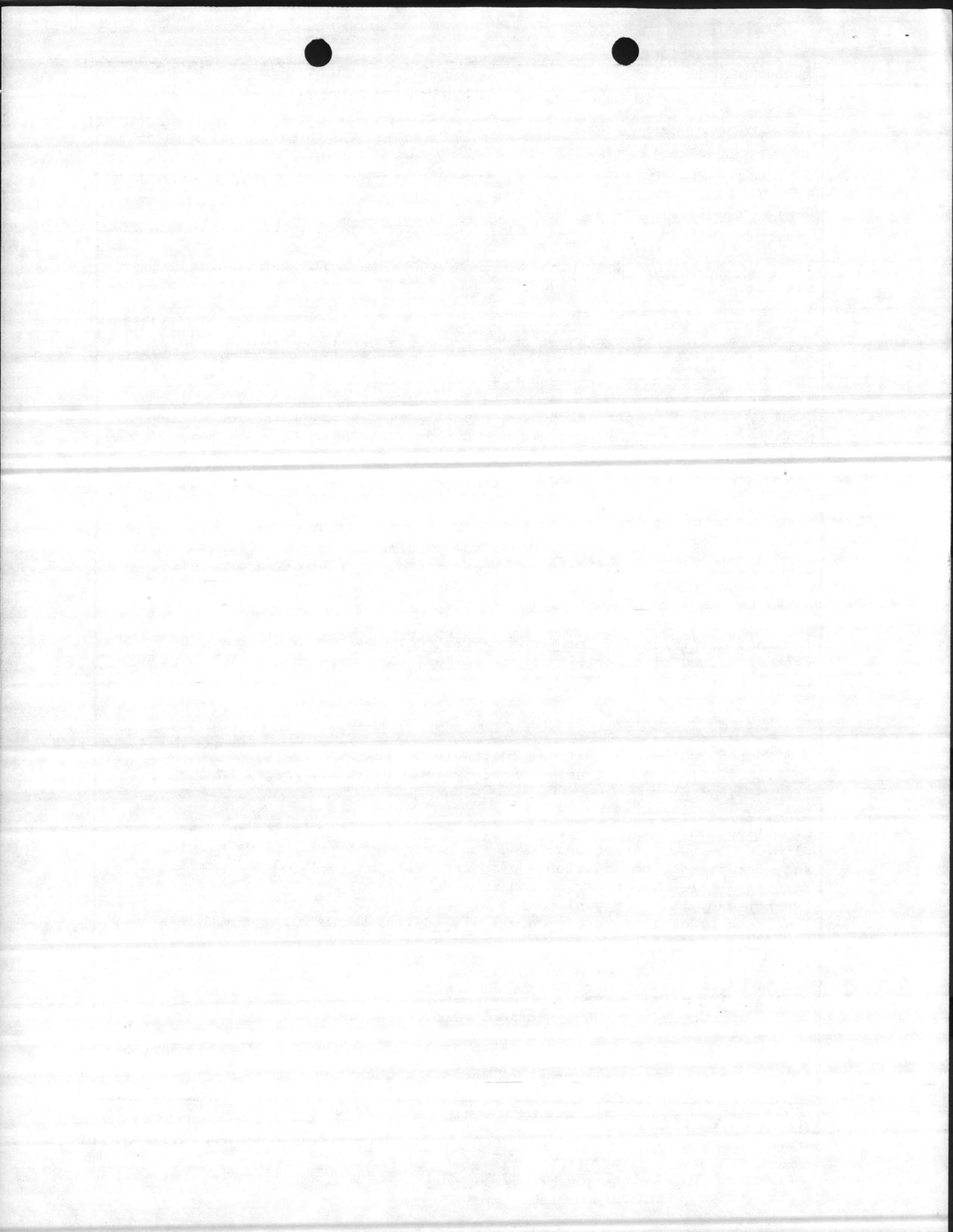
1. COMPONENT NAVY	FY 19 <u>85</u> MILITARY CONSTRUCTION PROJECT DATA	2. DATE 13 Apr 83
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4. PROJECT TITLE DEPENDENT SCHOOL - HIGH SCHOOL	5. PROJECT NUMBER P-827	
<p>11. <u>REQUIREMENTS</u>: (continued)</p> <p>with State and Federal standards for "Quality Schools". <u>IMPACT IF NOT PROVIDED</u>: Continual use of overcrowded substandard facilities will result in escalation of discipline problems, promote health hazards and the erosion of quality education will accelerate.</p> <p style="text-align: center;"><u>SPECIAL CONSIDERATIONS</u></p> <ol style="list-style-type: none"> 1. <u>Pollution Prevention, Abatement, and Control</u>: This project will not cause additional air or water pollution. 2. <u>Flood Hazard Evaluation</u>: Requirements of Executive Order No. 11296 (Flood Hazards) are not applicable. 3. <u>Environmental Impact</u>: The project Environmental Impact Assessment will be made, reviewed, and where required, the design concepts will give consideration to eliminating adverse environmental effects consistent with applicable directives. 4. <u>Fallout Shelter Construction</u>: Fallout shelter protection is incorporated in the facility. 5. <u>Design for Accessibility of Physically Handicapped Personnel</u>: Provisions for physically handicapped personnel will be incorporated in this facility. 6. <u>Use of Air Conditioning</u>: Ceiling "U" factors will be made to conform with DOD 4270.1-M. 7. <u>Preservation of Historical Sites and Structures</u>: The project facility does not directly or indirectly affect a district, site, building, structure, object, or setting which is listed in the National Register or otherwise possesses a significant quality of American history. <p>EGJ</p>		



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<p style="text-align: center;"><u>FACILITY STUDY</u></p> <p>1. <u>Project</u>: Provide 140,375 SF Dependent's High School Facility.</p> <p>2. <u>Current and Planned Future Workload with Regard to this Project</u>: The duration of need is indefinite and the facility will be utilized 100% of the time. The School will be operated an average of nine hours per day five days per week. Additionally, these facilities will support various continuing education programs given during night sessions. This facility will support the educational instruction of ninth through twelfth grade students. This project will provide adequate facilities for any foreseeable future increase in student population.</p> <p>3. <u>Description of Proposed Construction.</u></p> <p style="padding-left: 2em;">a. <u>Type of Construction</u></p> <p style="padding-left: 4em;">(1) Permanent one-story High School Facility on pilings with reinforced concrete foundation, floors, masonry walls, built-up roof, insulation, interior utilities and air conditioning.</p> <p style="padding-left: 4em;">(2) Rigid and flexible pavements for walks, playing courts, and parking areas, area lighting, site improvements, electrical substation with primary and secondary feeders, sewage lift station with force main, water distribution connections, telephone and fire alarm connections.</p> <p style="padding-left: 2em;">b. <u>Replacement</u>. Brewster Junior High School, Building #40 will be converted to Central Office Administrative use. Tarawa Terrace II, Bldg. #TT48, (Grades 4,5,6) and Midway Park School, Building #4003 will be turned over to the base.</p> <p style="padding-left: 2em;">c. <u>Description of Work to be Done.</u></p> <p style="padding-left: 4em;">(1) <u>Primary Facility</u>: Reinforced concrete/masonry facility on pile foundation with such special features as an indoor swimming pool, sprinkler and fire alarm system.</p> <p style="padding-left: 6em;">(a) <u>Support Facilities</u>: Electrical substation, hot water boiler, sewage lift station and extension of all utilities</p> <p style="padding-left: 4em;">(2) <u>Energy Conservation</u>. Energy efficient equipment and building materials and orientation for maximum energy conservation will be utilized.</p> <p style="padding-left: 4em;">(3) <u>Collateral Equipment</u>: To be submitted under separate cover.</p>		



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<p>4. <u>Cost Estimate.</u> Cost Data derived from Historical Construction Data obtained from LANTNAVFACENCOM Design personnel. Costs are escalated to FY-85.</p> <p>5. <u>Justification for Project and for Scope of Project.</u></p> <p>a. <u>Justification for Project.</u></p> <p>(1) <u>Project:</u> Proposed facility is required to provide "Quality Schools" in accordance with State and Federal standards.</p> <p>(2) <u>Current Situation.</u> Present facilities are overcrowded and do not meet building codes, and Life, Safety, and Handicapped codes necessary to comply with State and Federal Standards for "Quality Schools".</p> <p>(3) <u>Impact if Not Provided.</u> Continual use of overcrowded sub-standard facilities will result in escalation of discipline problems; promote health hazards, and the erosion of quality education will accelerate.</p> <p>b. <u>Justification for Scope of Project.</u> The project scope 140,375 SF is the minimum size facility that can meet the requirements of a Dependent High School, grades 9-12.</p> <p>6. <u>Equipment Provided from Other Appropriations.</u> Not applicable.</p> <p>7. <u>Common Support Facilities.</u> There are no common support facilities available. The local County School System cannot absorb any increased student loading.</p> <p>8. <u>Effect on Other Resources.</u> The project will require approximately \$110,000 per year increased O&MMC funds for increased utility services and operations. No additional personnel will be required to operate this facility. Proposed construction should be responsive to the challenges presented by the energy situation and comply with the requirements of Executive Order 12003 of 20 July 1977 and implemented by NAVFACINST 4100.5A.</p> <p style="text-align: center;"><u>UTILITY REQUIREMENTS</u></p> <p>a. Electricity Consumption: 1,570,564 KWH/Yr</p> <p>b. Gas Consumption: 9,606 Therms</p>		



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<p>9. <u>Siting of the Project.</u> This facility will be located in the Berkeley Manor Housing area. See enclosure (1).</p> <p>10. <u>Other Graphic Presentations, including Photographs.</u> Not applicable.</p> <p>11. <u>Economic Analysis.</u> This facility is being constructed on an undeveloped site. Economic savings will be in nominal energy consumption savings to be realized from energy conservation.</p> <p>12. <u>Environmental Impact Assessment.</u> An Environmental Impact Assessment (EIA) will be written and processed through the local EIA Review Board. No significant adverse environmental impact is anticipated.</p> <p>13. <u>Quantitative Data.</u></p> <table border="1" data-bbox="324 903 1250 1018"> <thead> <tr> <th><u>Project</u></th> <th><u>SF</u></th> <th><u>No. Students</u></th> </tr> </thead> <tbody> <tr> <td>P-827 High School</td> <td>140,375</td> <td>700</td> </tr> </tbody> </table> <p style="text-align: center;">SUPERINTENDENT OF SCHOOLS SATISFACTORY TO AS CORRECTED</p>			<u>Project</u>	<u>SF</u>	<u>No. Students</u>	P-827 High School	140,375	700
<u>Project</u>	<u>SF</u>	<u>No. Students</u>						
P-827 High School	140,375	700						

